

AGRICULTURAL.



cent of absolute alcohol, consequently 100 gallons of pure Catawba wine will only produce 18 gallons of pure brandy of 55 per cent. absolute alcohol, (by volume) it will then require 54 gallons of Catawba wine of 10 per cent. alcohol, to manufacture 1 gallon of pure brandy. These 13,000 gallons would then have required the modest sum of 71,500 gallons of pure Ohio Catawba.

Pure Ohio Catawba Brandy made of good pure wine, cannot cost less than \$7.50 per gallon; but when the less end release of the presses have been soaked with plenty of Pure Ohio Corn wine, vulgar rectified whisky, then it may be made at the rate of 13,000 gallons, and enter in competition with the surplus French brandy that is manufactured in every state in this city, and sold at from 90 cents to \$1 and \$2 per gallon."

From the Medina Gazette.

MY EDITOR.—Perhaps the following statistics may be interesting to your readers. If so, they are at your disposal.

The following counties of Ohio raised or produced, in 1850, the amount of the articles named in connection with each.

Licking having the most farms of any county 3,373 Wayne having the most horses 10,375 Franklin the most cattle 135,511 Franklin the most swine 63,226 Stark raised the most wheat, bushels 500,591 Wayne the most oats, " 434,916 Licking the most corn, " 2,846,463 Franklin the most barley, " 4,405 Trumbull the most buckwheat, " 21,260 Wayne the most clover and other grass seed, bu. 9,901 Franklin the most rye, " 1,000 Ashtabula the most hay, bushels 615,868 Trumbull cut the most tons of hay 61,116 Medina raised the most hogs, " 19,531 Summit the most, " 1,173 Geauga the most maple sugar 319,315 Licking the most wool 398,215 Chatham, March 21, 1855. G. C. W.

FIRE.—We are sorry to be called to announce the burning of the small factory of Petone Cotton Mills. The fire took in the picking room about 4 o'clock, yesterday which together with batting, engine, and spinning rooms were all destroyed. The carding room was only damaged by water. The loss was probably about \$7000. The machinery had just been put in complete order and the mill started in making the very best yarn in the country.

"It is not good," says Plato, "to push our investigations too far. The natural sciences find their limits, beyond which the mantle of Isis covered the mysteries. Can any one reveal the nature of force, of life, or of motion?"

Living, however, as we do, in a new country, having no "ancient landmarks," we may be allowed to look still farther on than did the ancients, for the limits of "the natural sciences" and we may yet see the day when Electricity may propel the plow, and fertilize the soil, though it is obviously our part in the mean time to labor, and not wait for such co-workers in the field.

There is a class of operations in nature pertaining to the growth of plants, the causes of which we can scarcely guess, much less comprehend, and these for want of more satisfactory name, have sometimes been called Vegetable Instincts.

Among those may be mentioned, the tendency of many trailing vines to run towards water. It is said that if you place a pan of water, in the evening, a few inches from the end of a growing squash vine, the vine will turn aside from its direct course, towards the water, and be found in the morning, with a leaf floating on its surface.

The roots of all trees, seem to be in the same way attracted towards water. In a garden, last summer, where the stones of a well had been taken up, in a dry and sandy soil, I saw roots of an apple tree which had penetrated to the depth of 13 feet, in search of water, which could not be found nearer the surface.

The roots of plants in the same way, seem to have an instinctive power of seeking out fertilizing substances. If bones are buried at a distance from a grape vine, the vine will spread them every one, and spread a fine net work of small fibres all over them, and if the bones be hollow, the roots will frequently run through them, and sometimes, after going a short distance beyond it, will return and seek the same depositary of the food best adapted to its growth.

Climbing plants, run towards poles, or other supports placed near them, and having reached them, have a strange willingness as to the direction in which they twine about them.

I once proposed to a learned professor a question which I should be glad to hear satisfactorily answered, Why is it that the common *holly* always turns its boughs in the opposite direction? which is invariably the case. Said he, "I will not undertake to account for it. It is much easier to dispute the fact, and I don't believe a word of it."

Thus have I endeavored to illustrate in a familiar way the advantages of education, to the cultivator of the earth, as giving him the true dignity and general influence which belongs to him who is lord of the land—as aiding him in the profitable pursuit of his business, by affording him the light of science by which to conduct his affairs—as elevating him above the mere laborer, so that he may appreciate in some degree, the mysterious processes of nature, by which she brings from the cold, dull earth, her treasures of grain, and fruit and flowers.

CATAWBA BRANDY—A statement lately appeared in the Cincinnati Commercial, that one House in that city had manufactured 13,000 gallons of pure Ohio Catawba brandy. The way this is made is stated by Mr. GRASSELLI, a noted chemist, of Cincinnati. As we mistrusted *Ohio* corn is prominent in this compound, We copy a portion of the expose, that our readers may fully understand the material of this new and pure article of brandy:

"Out of 23 analyses I have made of the best qualities of Ohio Catawba of 1850, '52, '54, I have found an average 10 per cent. of absolute alcohol.

The best French Brandy contains 55 per

NOTICE.

State of Ohio, Belmont County, ss.

COURT OF COMMON PLEAS.

Civil Action. Attachment.

Ezraith Orr, Plaintiff,

against

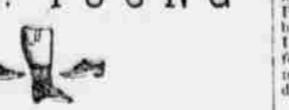
Thomas Smith, Defendant.

In the above case, who resides out of the State of Ohio, the action has been filed in the said Court in said County, and the Plaintiff has filed his状 against the said defendant for \$325.00 and interest thereon from July 1, 1849, and that the said defendant has then have required the modest sum of 71,500 leather Wagon Whips. All of which we intend to sell low. Please give us call and see for yourselves.

B. S. COVEN, Atty for Plaintiff.

April 19, 1855.

THOS. YOUNG



HAVING removed his BOOT and SHOE Show to the basement story of the NEW MASONIC HALL, he is prepared to do all kinds of work in his line, in short notice, in the best and at cheap as the cheapest.

April 3, 1855.

RANDY—Mu. 10c. a pair intert. grasshopper pure, just rec'd. as (Seept. 25.) XMAS & CO.

(NORTH) WHEELING, VA.

The subscriber having procured a complete set of tools, consisting of Plain, Lathe, Screw cutter, etc., of latest pattern, and approved by the best masters, is now ready to disown in the line, in the best possible manner and on lowest terms.

He has Engines with or without cast iron bed, Unifit Engines, all kinds of iron piping, flaving a very large machine, screw cutting, bolts and nuts, heavy and light turning, shaping, etc., and repairing.

We have constantly on hand to furnish at short notice, cemented, copper riveted, leather bellows, pipes, valves, etc., and all kinds of machinery and tools.

Please give us a call, believing we can make it in our line, to give us a call, believing we can make it in our line.

JOHN MOORE & CO.

Johnsburg, May 10, 1855.

D. R. GASTON



TENDERS his Professional services to

the CITIZENS of BELLEVILLE and vicinity

Nov. 24, 1854.

ATTACHMENT.

AT our instance a writ of Attachment was

issued by David M. Davies, a Justice of the Peace of Richland Township, Belmont County, Ohio, against goods, which were held in trust by the subscriber, consisting of Part of the Bones and Joints, St. John's Ulcer, the Diseases, Lumbago, Spinal Complaints, Rheumatism, Neuralgia, Epilepsy, Insanity, Melancholy, Insanity in Life, or Insanity of the Blood.

This great corrective Medicine and Purifier of the body, has been performed by the greatest of all physicians.

W. K. KLINE

No. 1—Large & Splendid Stock of Silk Bonnets, of all colors. I will sell some as low as \$2.50, and any other price to suit the customer. I have a beautiful stock of Cambric, Flannel, of all colors, and sizes, also Men's Frock Coats, of English and American, with all their accompaniments, and a large quantity of men's hats, (all sizes), no matter how severe of how long standing.

Rev. P. Peckham, 100 Main Street, N.Y.

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M. H. Mills, M. D., Rochester, N.Y.

D. V. Poole, M. D., Syracuse, N.Y.

J. C. Orriek, M. D., Baltimore, Md.

W. W. Rees, M. D., New York City.

W. W. Newland, M. D., Utica, N.Y.

Rev. C. Beard, Green Springs, S.C.

Dr. Leopold, a recent convert Mr. Curtis Hatch, agent for us, Ohio.

To Mr. Smith—I have been ten years troubled with Female Complaints—prolificness, and all the attendant evils. When I first came to this country, I had to leave my home, and expected to die here.

For five months before commencing with your medicine, I had not been able to perform any labor, could walk but a few steps at a time, and scarcely eat, out of doors.

Now I have a full strength of 100 lbs. weight, and expect to die no longer, and expect to die in my line of business, I will exchange all my strength for me.

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